Quantitation Report (Qedit)

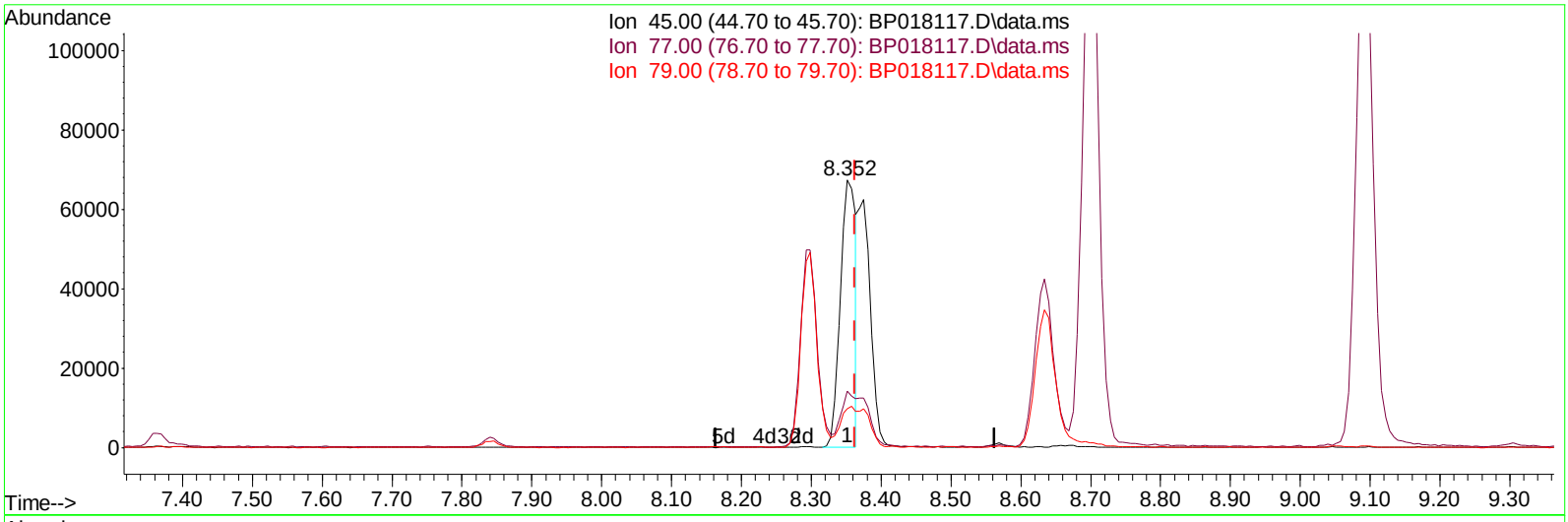
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018117.D
Acq On : 12 Nov 2023 22:50
Operator : MA/JU
Sample : PB156922BS
Misc :
ALS Vial : 98 Sample Multiplier: 1

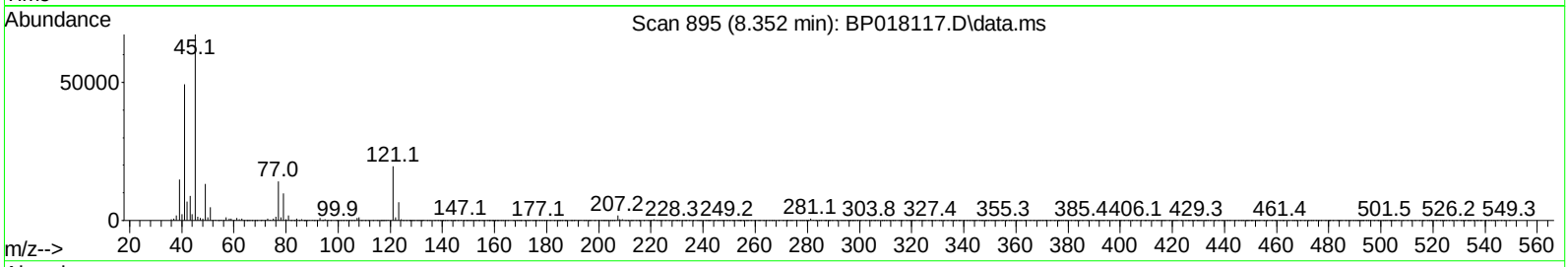
Quant Time: Nov 13 03:12:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:55:18 2023
Response via : Initial Calibration

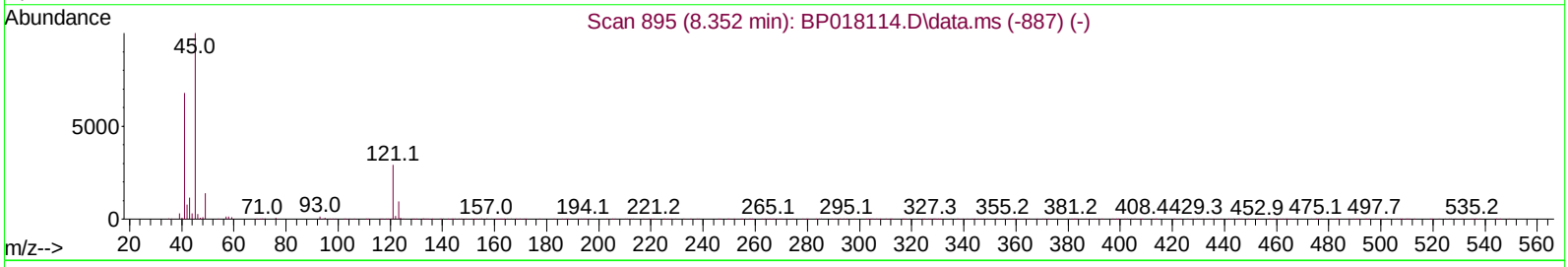
Instrument :
BNA_P
ClientSampleId :
SLCS922

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2023
Supervised By :mohammad ahmed 11/15/2023







TIC: BP018117.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.352min (-0.012) 16.72 ng/ul

response 102749

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	21.10
79.00	13.90	14.42
0.00	0.00	0.00

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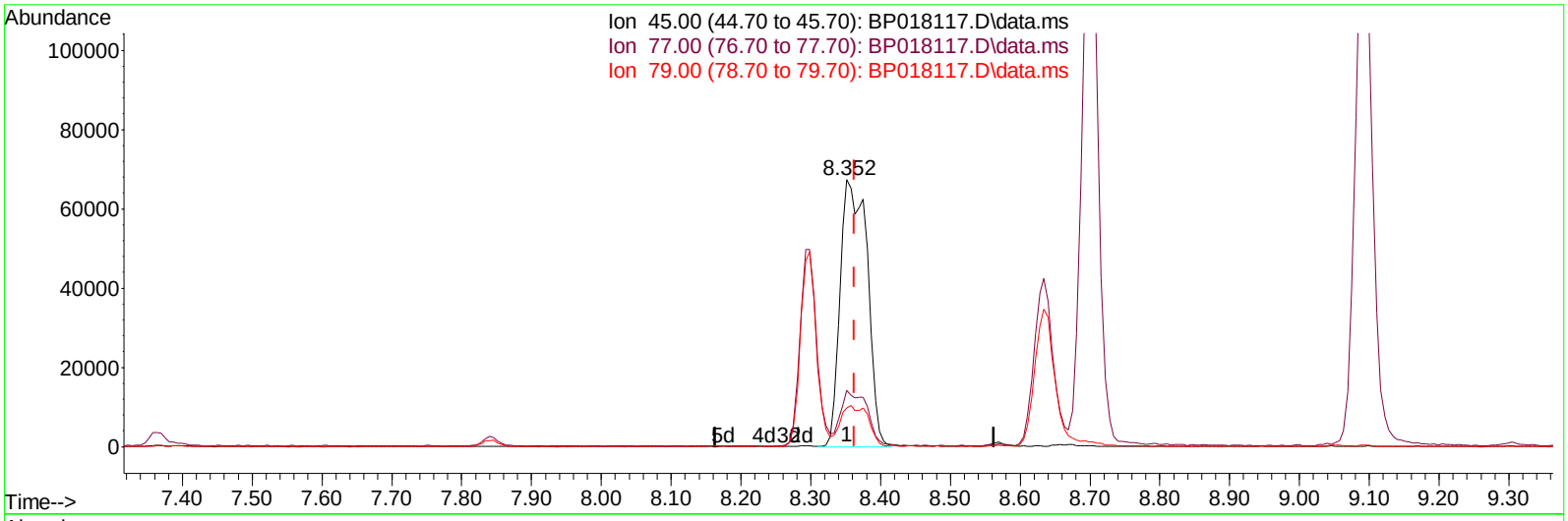

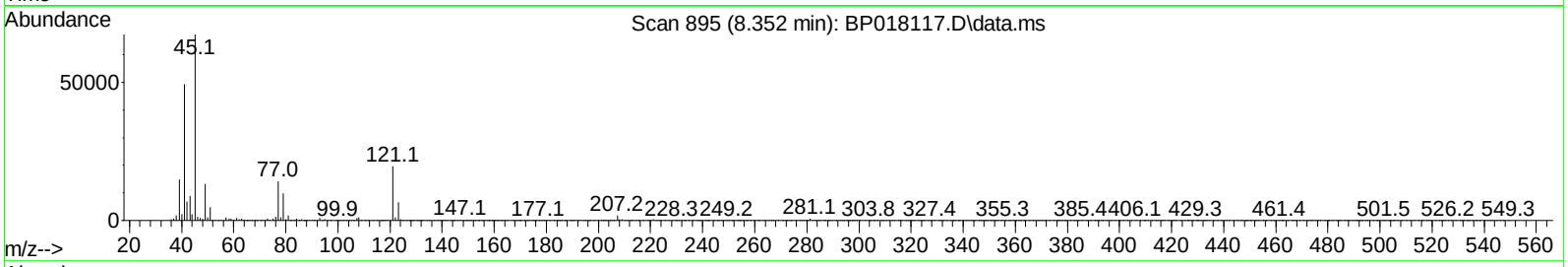

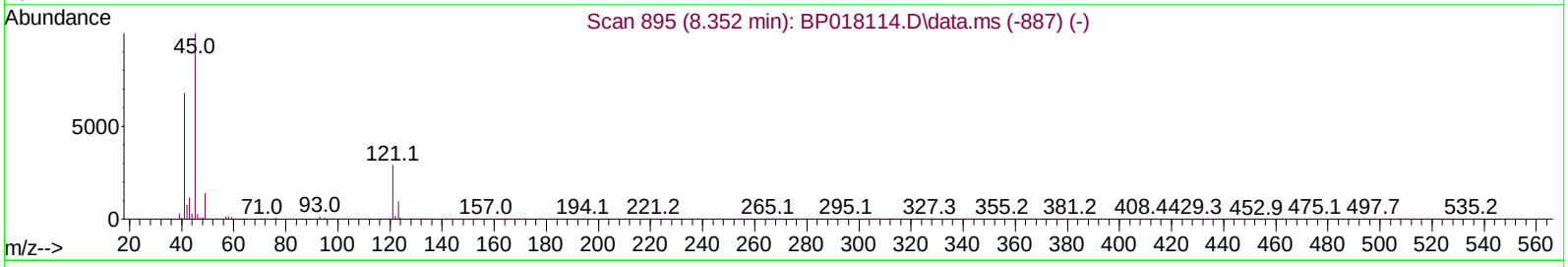

TIC: BP018117.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.352min (-0.012) 29.35 ng/ul m

response 180403

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	21.10
79.00	13.90	14.42
0.00	0.00	0.00

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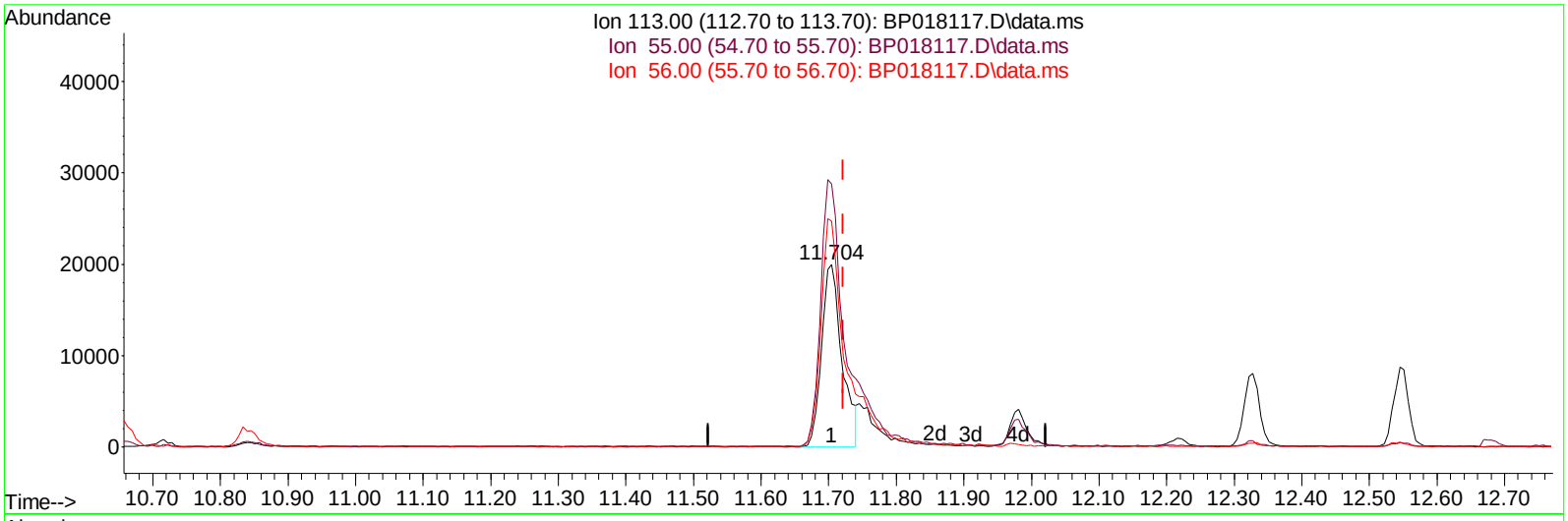

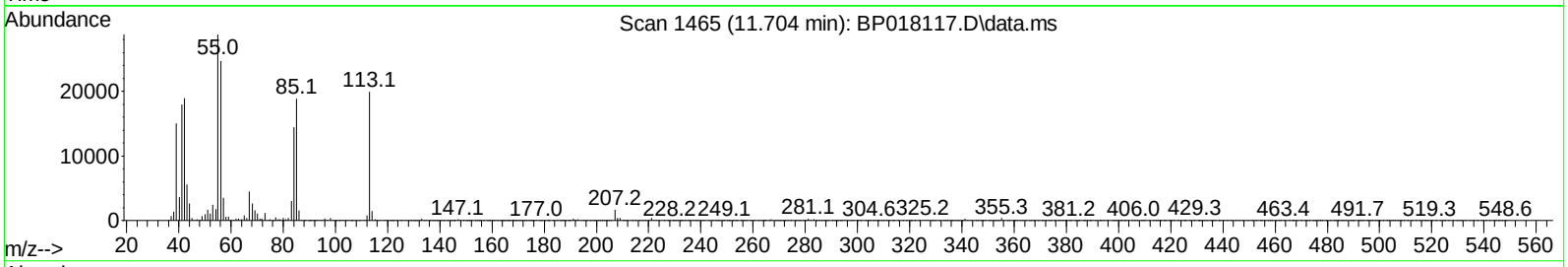

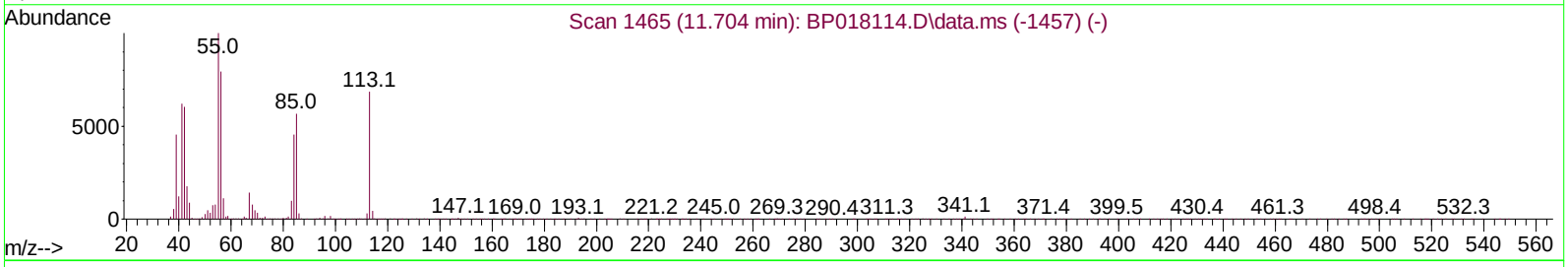

TIC: BP018117.D\data.ms

(34) Caprolactam

11.704min (-0.017) 23.12 ng/ul

response 41773

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	144.25
56.00	119.50	123.87
0.00	0.00	0.00

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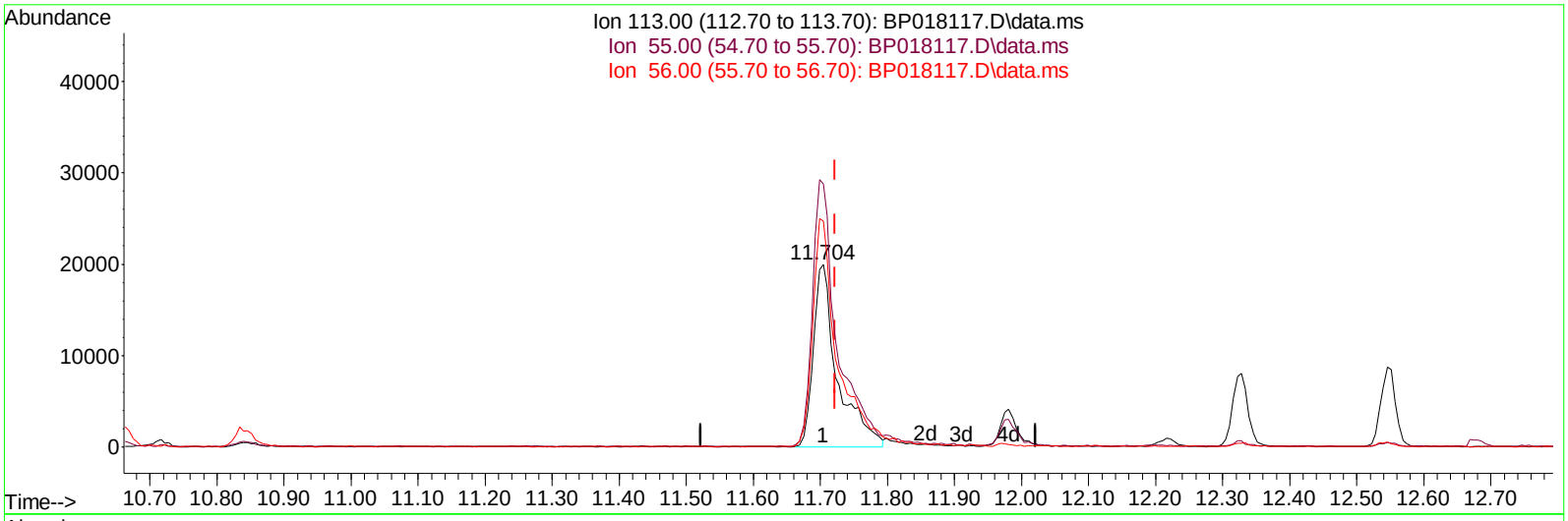

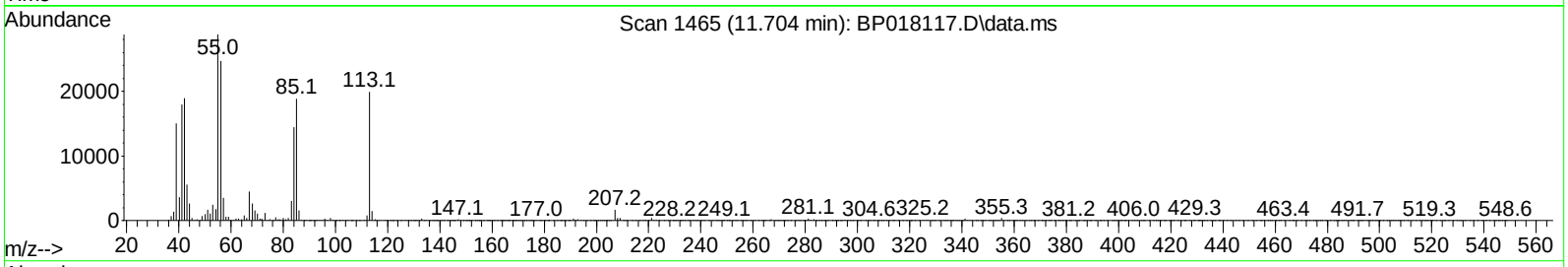

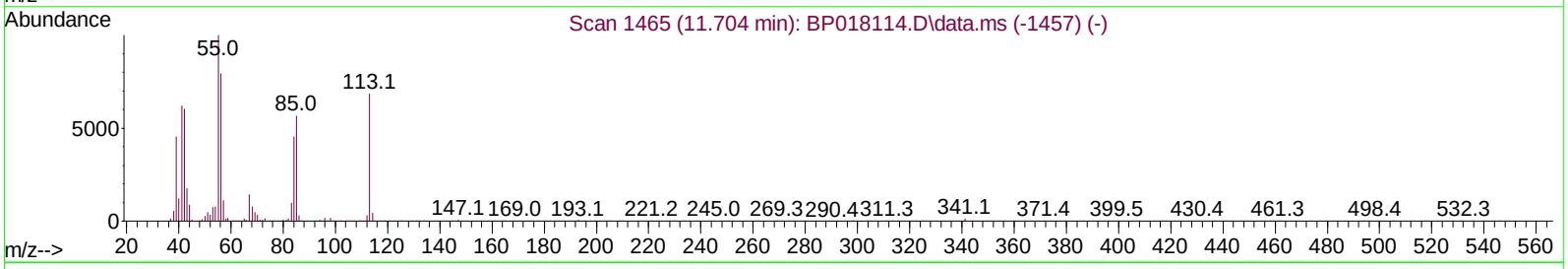

TIC: BP018117.D\data.ms

(34) Caprolactam

11.704min (-0.017) 27.66 ng/ul m

response 49967

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	144.25
56.00	119.50	123.87
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	72854	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.663	136	313070	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.516	164	209104	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.298	188	441815	20.000	ng/ul	-0.01
79) Chrysene-d12	21.421	240	318613	20.000	ng/ul	-0.01
88) Perylene-d12	23.927	264	332956	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	10562	5.114	ng/uL	0.00
4) Pyridine-d5	3.658	84	144500	26.834	ng/ul	0.00
7) Phenol-d5	7.010	99	201972	28.716	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	120080	29.051	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	156797	28.151	ng/ul	-0.01
15) 4-Methylphenol-d8	8.569	113	165898	28.784	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	80942	28.697	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.757	143	94450	29.558	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.287	165	171234	30.066	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.840	131	216753	27.752	ng/ul	-0.01
46) Dimethylphthalate-d6	13.939	166	552660	28.645	ng/ul	-0.01
49) Acenaphthylene-d8	14.216	160	604482	28.766	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.781	143	57455	19.929	ng/ul	0.00
60) Fluorene-d10	15.522	176	462587	29.041	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	74173	23.223	ng/ul	-0.01
73) Anthracene-d10	17.398	188	684672	28.653	ng/ul	-0.01
81) Pyrene-d10	19.651	212	728359	34.224	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.757	264	580853	30.002	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	21718	9.637	ng/uL	94
5) Pyridine	3.681	79	149780	26.951	ng/ul	98
6) Benzaldehyde	7.010	77	121916	32.185	ng/ul	97
8) Phenol	7.040	94	201653	29.063	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.287	93	155153	28.823	ng/ul	97
12) 2-Chlorophenol	7.399	128	159547	28.530	ng/ul	99
13) 2-Methylphenol	8.293	108	153049	29.194	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.352	45	180403m	29.351	ng/ul	
16) Acetophenone	8.699	105	265856	29.019	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	142299	28.450	ng/ul	95
18) 4-Methylphenol	8.634	108	166760	29.167	ng/ul	100
19) Hexachloroethane	8.893	117	74471	27.833	ng/ul	94
22) Nitrobenzene	9.093	77	230094	30.212	ng/ul	96
23) Isophorone	9.599	82	397664	28.614	ng/ul	99
25) 2-Nitrophenol	9.793	139	97072	29.562	ng/ul	96
26) 2,4-Dimethylphenol	9.834	107	178701	25.583	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.087	93	224602	29.637	ng/ul	98
29) 2,4-Dichlorophenol	10.310	162	164254	30.202	ng/ul	96
30) Naphthalene	10.710	128	544764	28.613	ng/ul	99
32) 4-Chloroaniline	10.863	127	200098	26.747	ng/ul	99
33) Hexachlorobutadiene	10.928	225	116083	29.075	ng/ul	99
34) Caprolactam	11.704	113	49967m	27.657	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	197951	30.254	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.328	142	382469	29.261	ng/ul	99
37) 1-Methylnaphthalene	12.545	142	381994	28.439	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.681	216	203674	28.833	ng/ul	97
40) Hexachlorocyclopentadiene	12.616	237	79304	23.258	ng/ul	98
41) 2,4,6-Trichlorophenol	12.945	196	138278	29.840	ng/ul	95
42) 2,4,5-Trichlorophenol	13.028	196	145874	29.911	ng/ul	98
43) 1,1'-Biphenyl	13.345	154	519572	29.221	ng/ul	99
44) 2-Chloronaphthalene	13.392	162	412609	29.228	ng/ul	99
45) 2-Nitroaniline	13.651	65	139658	30.657	ng/ul	97
47) Dimethylphthalate	13.987	163	549528	29.036	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	110789	29.451	ng/ul	99
50) Acenaphthylene	14.245	152	687238	28.966	ng/ul	99
51) 3-Nitroaniline	14.486	138	95990	27.499	ng/ul	96
52) Acenaphthene	14.581	153	455222	28.936	ng/ul	99
53) 2,4-Dinitrophenol	14.710	184	29237	14.247	ng/ul	94
55) 4-Nitrophenol	14.792	109	91109	23.807	ng/ul	92
56) Dibenzofuran	14.922	168	631692	29.300	ng/ul	98
57) 2,4-Dinitrotoluene	14.934	165	159903	28.451	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.145	232	121862	28.089	ng/ul	96
59) Diethylphthalate	15.345	149	583804	29.526	ng/ul	100
61) Fluorene	15.575	166	528879	28.895	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.569	204	267942	29.872	ng/ul	100
63) 4-Nitroaniline	15.663	138	85394	25.924	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.692	198	77735	23.455	ng/ul	100
67) N-Nitrosodiphenylamine	15.798	169	435985	30.770	ng/ul	100
68) 4-Bromophenyl-phenylether	16.475	248	152622	30.650	ng/ul	92
69) Hexachlorobenzene	16.551	284	167871	30.212	ng/ul	98
70) Atrazine	16.757	200	157048	31.774	ng/ul	98
71) Pentachlorophenol	16.928	266	84633	25.092	ng/ul	96
72) Phenanthrene	17.339	178	812124	29.937	ng/ul	99
74) Anthracene	17.433	178	815364	29.453	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	212111	31.439	ng/uL	98
76) Pentachlorobenzene	14.810	250	206139	31.210	ng/uL	98
77) Carbazole	17.733	167	679622	28.271	ng/ul	99
78) Di-n-butylphthalate	18.233	149	955759	31.334	ng/ul	99
80) Fluoranthene	19.322	202	879002	35.366	ng/ul	99
82) Pyrene	19.680	202	897451	34.458	ng/ul	100
83) Butylbenzylphthalate	20.545	149	370572	33.833	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.357	252	219382	28.820	ng/ul	98
85) Benzo(a)anthracene	21.410	228	777631	30.226	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	494040	32.715	ng/ul	99
87) Chrysene	21.463	228	719557	29.896	ng/ul	98
89) Di-n-octyl phthalate	22.245	149	771078	30.967	ng/ul	100
90) Benzo(b)fluoranthene	23.145	252	728412	30.740	ng/ul	98
91) Benzo(k)fluoranthene	23.198	252	717376	30.091	ng/ul	98
93) Benzo(a)pyrene	23.810	252	684857	30.605	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.580	276	817177	30.448	ng/ul	98
95) Dibenzo(a,h)anthracene	26.604	278	675875	30.584	ng/ul	99
96) Benzo(g,h,i)perylene	27.415	276	649715	30.266	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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